

METHOD AND SYSTEM FOR BALANCED CONTROL OF BACKUP POWER

Abstract of Disclosure

A power system comprising: a primary power source in electrical communication with a bridging power source, wherein the bridging power source is in electrical communication with a bus; a secondary power source in electrical communication with the bus, wherein the secondary power source comprises an electrochemical system including a fuel cell. The system further includes: a controller electrically disposed between and in operable communication with the bus and the bridging power source, and electrically disposed between and in communication with the bus and the secondary power source. The controller monitors the primary power source, initiates powering by the bridge power source when the primary power source exhibits selected characteristics, initiates the secondary power source when the bridging power source is depleted exceeding a first selected threshold, and initiates interruption of powering by the secondary power source.

Figures